3rd Generation Equipment   10 Feb 1965

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Becker/[   ]to DD/S&T sub: Computers (Hardware Replacements)

OCS study found with regard to hardware needs for next several
years that

1) projected workload could not be handled on present equipmt.
2) Efficiency could be increased greatly by consolidating
computer skills through integrated hardware and programming system
3) A hardware configuration needed which provides greater
flexibility in the computer center as well as providing
hardware backup.
4)   The new third generation of hardware announced during
past year by manufacturers offers technical advances in
circuitry reliability, microminiaturization, processing
speeds, multi-programming operation, software compatibility,
and lower costs per unit of data processed.

Flexibility in coupling and remote input-output devicesato
share multi-programmed processing unit is now attainable.

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This would apply to running the[   ]program from the
Computer Center

System considered most advantageous IBM 360 and

STAT

conversion from present IBM [   ]systems would be gradual
over next 2-3 years. Replacement of present equipment can
be made with no increase of rental costs.

Briefing of DD/S&T, seeking support for plans (19 Feb 65).